

Converting Colors

XYZ(57.1112, 41.5168, 81.2648)

Have a look what the booklet for
XYZ(57.1112, 41.5168, 81.2648)
contains.

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Color

**XYZ(57.0768, 41.4472,
81.3358)**

Conversions

Conversions Part 1

Format	Color
Hex	E88BE8
RGB	232, 139, 232
RGB Percent	91%, 55%, 91%
CMY	0.0902, 0.4549, 0.0902
CMYK	0.00, 0.40, 0.00, 0.09
HSL	300°, 67%, 73%
HSV	300°, 40%, 91%
XYZ	57.0768, 41.4472, 81.3358
YIQ	177.4090, 25.5750, 48.6390

Conversions

Conversions Part 2

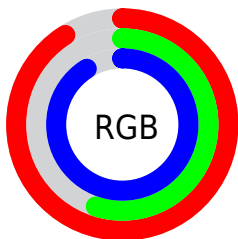
Format	Color
R _Y B	232, 139, 232
Decimal	15240168
CIE _{Lab}	70.49, 49.04, -32.35
CIE _{LCh}	70, 58.752, 326.588
Yxy	41.4472, 0.3173, 0.2304
Android (android.graphics.Color)	4293430248 (0xFFE88BE8)
YUV	177.4090, 26.9134, 47.8763
Hunter-Lab	64.3795, 45.5883, -29.8402

Details

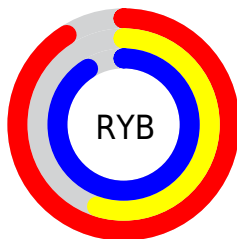
The XYZ color **57.0768, 41.4472, 81.3358** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **44.1660, 65.0677, 34.6599**, and the grayscale version is **41.8596, 44.0396, 47.9591**.

A 20% lighter version of the original color is **78.5818, 67.0636, 103.4106**, and **28.8435, 18.9041, 43.2029** is the 20% darker color. If you saturate the color by 10%, you get **54.0677, 35.4282, 80.3331**, and if you desaturate by 10%, it is **60.8014, 48.8954, 82.5779**.

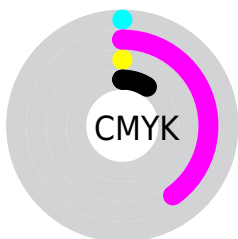
Distribution



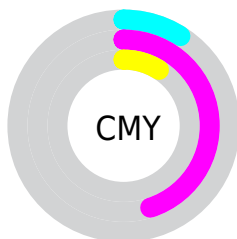
- Red (91%)
- Green (55%)
- Blue (91%)



- Red (91%)
- Yellow (55%)
- Blue (91%)



- Cyan (0%)
- Magenta (40%)
- Yellow (0%)
- Black (9%)




- Cyan (9%)
- Magenta (45%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0768, 41.4472, 81.3358 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 57.0768, 41.4472, 81.3358 by changing the saturation by 10% instead.


 57.0768, 41.4472,
81.3358


 57.0768, 41.4472,
81.3358


403.7466,
352.1862, 519.2483


 41.3073, 28.6687,
60.2856


 99.7080, 77.3623,
137.0705

 28.7480, 18.8303,
43.2221


 127.3003,
101.2677, 172.5920

 19.0336, 11.5477,
29.7267


 159.5643,
129.6508, 213.7744

 11.7987, 6.4365,
19.3809

196.8653,
162.8960, 261.0362

 6.6780, 3.1123,
11.7663

239.5687,
201.3878, 314.7960

 3.3061, 1.1906,
6.4641

288.0398,

 1.3176, 0.0540,

245.5105, 375.4722

3.0560

342.6440,
295.6485, 443.4835

■ 0.1963, 0.0000,
1.1233

■ 0.0000, 0.0000,
0.0000

■ 57.0768, 41.4472,
81.3358

■ 57.0768, 41.4472,
81.3358

■ 54.0677, 35.4282,
80.3331

■ 60.8014, 48.8954,
82.5779

■ 51.7245, 30.7418,
79.5519


■ 65.2788, 57.8501,
84.0704


■ 49.9978, 27.2885,
78.9762


■ 70.5487, 68.3900,
85.8272


■ 48.8297, 24.9523,
78.5867


■ 76.6469, 80.5863,
87.8600


 48.1512, 23.5952,
78.3604


 83.6049, 94.5023,
90.1795

 47.8447, 22.9822,
78.2581

 83.6049, 94.5024,
90.1796

 83.6050, 94.5024,
90.1798

 83.6050, 94.5024,
90.1799

 83.6050, 94.5024,
90.1800

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.3325, 41.4472, 111.6109



57.0768, 41.4472, 81.3358



61.0653, 41.4472, 48.3786

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.0768, 41.4472, 81.3358



40.5132, 41.4472, 10.0780



24.9755, 41.4472, 73.4613

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.0768, 41.4472, 81.3358



44.1660, 65.0677, 34.6599

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



23.5733, 41.4472, 42.0282



57.0768, 41.4472, 81.3358



31.6322, 41.4472, 12.2605

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.0768, 41.4472, 81.3358



50.5664, 41.4472, 13.6410



25.8025, 41.4472, 21.6676



30.0024, 41.4472, 105.9053

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



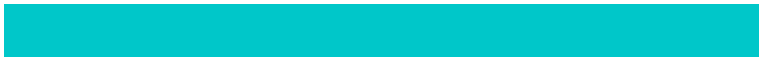
57.0768, 41.4472, 81.3358



60.0767, 41.4472, 31.5490



25.8025, 41.4472, 21.6676



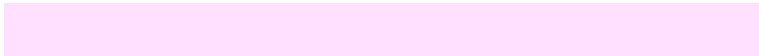
24.1043, 41.4472, 62.1349

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.0782, 41.4490, 81.3367



86.0533, 82.0066, 105.9009



34.4474, 29.7824, 80.2781



18.2287, 17.1724, 22.6037



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.0782, 41.4490, 81.3367



67.6227, 45.1457, 99.7569



51.3228, 39.1469, 51.0291



14.9952, 14.6153, 18.1750



26.5611, 12.7587, 43.4452



1.9628, 0.9428, 3.2105

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57.0782, 41.4490, 81.3367



67.6227, 45.1457, 99.7569



48.3156, 66.7276, 56.5112



14.9952, 14.6153, 18.1750



26.5611, 12.7587, 43.4452



1.9628, 0.9428, 3.2105

Previews

White Background



This preview shows how the XYZ color 57.0768, 41.4472, 81.3358 looks on a white background.

Color Contrast Check

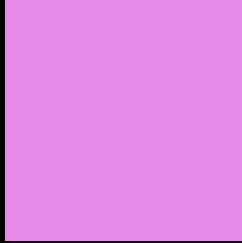
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 57.0768, 41.4472, 81.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

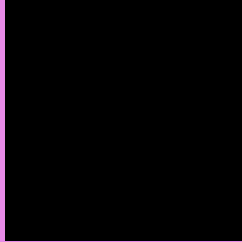
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0768, 41.4472, 81.3358

Background



This preview shows how black text looks on a background with the XYZ color 57.0768, 41.4472, 81.3358.



This preview shows how white text looks on a background with the XYZ color 57.0768, 41.4472,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.0768, 41.4472, 81.3358

Protanopia

43.9263, 41.8987, 100.3798

Deuteranopia

42.8001, 41.8175, 77.7673



Tritanopia

48.6142, 41.1871, 40.9850

Trichromacy



Original Color

57.0768, 41.4472, 81.3358



Protanomaly

47.0911, 40.7418, 93.3777



Deuteranomaly

46.8952, 40.9625, 78.8337



Tritanomaly

51.1392, 41.0227, 53.3670

Monochromacy



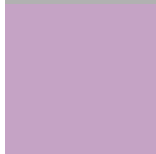
Original Color

57.0768, 41.4472, 81.3358



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

46.2012, 42.0959, 58.5136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0768, 41.4472, 81.3358 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(232, 139, 232)` looks like.

```
.text, #text, p{  
    color:rgb(232, 139, 232)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 139, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 139, 232) }
```

Border

The CSS property to change the border of an element to XYZ 57.0768, 41.4472, 81.3358 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 139, 232) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(232, 139, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(232, 139, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 139, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 139, 232);  
box-shadow:4px 4px 4px 4px rgb(232, 139,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0768, 41.4472, 81.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 139, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
139, 232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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